



Federal Communications Commission

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public burden estimate.

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2017 - December 31, 2017

Filing Confirmation Number: 0008061913

Filing Deadline: January 16, 2018

FRN: 0025673260

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General Report Information

Type of Company

Service Provider

De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? No

Date that you began offering handsets in the United States 04/17

Are you a small entity? No

Were you a small entity at any time during the three years prior to the end of the reporting period? No

Date that you ceased to be a small entity?

Company Information

Company Name: Comcast OTR1, LLC
Brand Names: Xfinity Mobile
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City: Philadelphia
State: PA
Zip Code: 19103

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Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

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Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

N/A

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

N/A

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address:

<https://www.xfinity.com/mobile/support/article/115000913208/is-my-phone-compatible-with-my-hearing-aid>

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: Xfinity Mobile makes information available to consumers about the availability of its current hearing-aid compatible (HAC) product offerings. HAC product information is available on the Xfinity Mobile website, including handset ratings. In addition, the website addresses general accessibility questions.

More generally, Comcast is deeply committed to providing accessible solutions to persons with disabilities. Several

years ago, Comcast established a dedicated office that is responsible for coordinating accessibility efforts throughout the company; these efforts include, among other initiatives, an accessibility lab to facilitate the development of assistive technology into Comcast's new products and services and a dedicated call center, Comcast's Accessibility Center of Excellence (ACoE), to ensure that our customer service team is accessible to all our customers. Comcast Xfinity customers, including Xfinity Mobile customers, who rely on accessibility services have direct access to specifically trained customer accessibility support personnel. Customers can contact the ACoE at 855-270-0379, online at Xfinity.com/accessibilitysupport or via email at accessibility@comcast.com.

In addition to the above, Comcast personnel sit on the FCC's Disability Advisory Committee and interact with national hearing loss organizations. Comcast employees regularly participate in accessibility events, including the CSUN Assistive Technology Conference and the M-Enabling Summit, a conference and showcase dedicated to the usability of connected devices by seniors and people with disabilities. Finally, Comcast routinely hosts outreach events with the disability community in order to better direct the development of accessibility solutions and tools in its products and services. As part of Comcast's commitment to engage the disability community, Xfinity Mobile web and application interfaces are regularly tested by people with disabilities throughout the product development life cycle.

Methodology for Functionality Levels

All of the wireless handsets offered by Xfinity Mobile are HAC-compliant smartphones. Xfinity Mobile defines the levels of functionality for these devices according to operating system. Specifically, Xfinity Mobile offers handsets running the Apple iOS and Android operating systems, which include different features and capabilities.

Report Remarks

You have reported the following handset model summary information.

Total number of handsets offered: 15

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent	
GSM	15	100%					15
CDMA	15	100%					15
WCDMA	15	100%					15
LTE	15	100%					15
Wi-Fi	15	100%					15
TD-SCDMA	2	100%					2

Handset 1: Apple IPHONE 6S

Handset Maker

Apple

Handset Model Name

IPHONE 6S

FCC ID

BCG-E2946A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA

850 MHz GSM
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz CDMA
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz CDMA
2100 MHz WCDMA
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 2: Apple IPHONE 6S PLUS

Handset Maker

Apple

Handset Model Name

FCC ID

IPHONE 6S PLUS

BCG-E2944A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz CDMA
1700 MHz WCDMA

1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz CDMA
2100 MHz WCDMA
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 3: Apple iPhone 7 (A1660)

Handset Maker

Apple

Handset Model Name

iPhone 7 (A1660)

FCC ID

BCG-E3085A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
800 MHz LTE
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
900 MHz WCDMA
900 MHz LTE
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM

1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
1900 MHz TD-SCDMA
2100 MHz CDMA
2100 MHz WCDMA
2100 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2000 MHz TD-SCDMA
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 4: Apple iPhone 7 Plus A1661

Handset Maker

Apple

Handset Model Name

iPhone 7 Plus A1661

FCC ID

BCG-E3087A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
800 MHz LTE
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
900 MHz WCDMA
900 MHz LTE
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM

1800 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
1900 MHz TD-SCDMA
2100 MHz CDMA
2100 MHz WCDMA
2100 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2000 MHz TD-SCDMA
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 5: Apple iPhone 8 (A1863)

Handset Maker

Apple

Handset Model Name

iPhone 8 (A1863)

FCC ID

BCG-E3159A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
1700 MHz WCDMA
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA

1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 09/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 6: Apple iPhone 8 Plus(A1864)

Handset Maker

Apple

Handset Model Name

FCC ID

iPhone 8 Plus(A1864)

BCG-E3160A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
1700 MHz WCDMA
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 09/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 7: Apple iPhone SE (A1662)

Handset Maker

Apple

Handset Model Name

iPhone SE (A1662)

FCC ID

BCG-E2945A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
800 MHz LTE
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
900 MHz WCDMA
900 MHz LTE
1700 MHz CDMA
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz CDMA
2100 MHz WCDMA
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 8: Apple iPhone X (A1865)

Handset Maker

Apple

Handset Model Name

FCC ID

iPhone X (A1865)

BCG-E3161A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
1700 MHz WCDMA
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 10/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Apple iOS

Remarks

Handset 9: LG X charge

Handset Maker

LG

Handset Model Name

X charge

FCC ID

ZNFM322

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 06/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Android OS

Remarks

Handset 10: LG X POWER

Handset Maker

LG

Handset Model Name

X POWER

FCC ID

ZNFUS610

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
1700 MHz WCDMA
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 04/17 to 10/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Android OS

Remarks

Handset 11: Samsung Galaxy Note 8

Handset Maker

Samsung

Handset Model Name

FCC ID

Galaxy Note 8

A3LSMN950U

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
800 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
1700 MHz WCDMA
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
2.5 GHz Wi-Fi
5.0 GHz Wi-Fi
2300 MHz LTE

Dates

This handset model was offered from: 09/17 to 12/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Android OS

Remarks

Handset 12: Samsung Galaxy S7

Handset Maker

Samsung

Handset Model Name

Galaxy S7

FCC ID

A3LSMG930US

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Android OS

Remarks

Handset 13: Samsung Galaxy S7 Edge

Handset Maker

Samsung

Handset Model Name

FCC ID

Galaxy S7 Edge

A3LSMG935US

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 04/17 to 10/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Android OS

Remarks

Handset 14: Samsung Galaxy S8

Handset Maker

Samsung

Handset Model Name

FCC ID

Galaxy S8

A3LSMG950U

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
800 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
2.5 GHz Wi-Fi
5.0 GHz Wi-Fi
1750 MHz WCDMA
2300 MHz LTE

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Android OS

Remarks

Handset 15: Samsung Galaxy S8 Plus

Handset Maker

Samsung

Handset Model Name

FCC ID

Galaxy S8 Plus

A3LSMG955U

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
800 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
1700 MHz LTE
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
1750 MHz WCDMA
2300 MHz LTE

Dates

This handset model was offered from: 04/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Android OS

Remarks

Certification

This Report has been certified by:

Catherine Fox Deputy General Counsel
01/14/2018 04:27 PM